## **Exhibit C**

45. Name of Person Signing	46. Title of Person Signing
Cynthia J. Grady	Regulatory Counsel, Intelsat Corporation

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT

(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

# **SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B:(Technical and Operational Description)**

### FOR OFFICIAL USE ONLY

Location of Earth Station				
E1: Site Identifier:	MTN-1	E14012		
E2: Contact Name	tact Name Mr. Eric Lund E6. Phone Number: 240 42			
E3. Street:	17625 Technology BLVD	E7. City:	Hagers	town
		E8. County:	Washir	ngton
E4. State	MD	E9. Zip Code	21740	
E10. Area of Operation:		Hagerstown, MD		
E11. Latitude:	39 ° 35 ' 53.1 " N			
E12. Longitude:	77 ° 45 ' 22.3 " W			
E13. Lat/Lon Coordinate	es are:	○NAD-27	NAI	O-83 O <sub>N/A</sub>
E14. Site Elevation (AM	ISL):	0.0 meters		
E15. If the proposed anter do(es) the proposed anter (b) as demonstrated by the analysis showing compliants	09(a) and			
the Fixed Satellite Servic	nna(s) do not operate in the Fixed Satellite (FSS) with non-geostationary satellites, gain patterns specified in Section 25.209(ion measurements?	do(es) the proposed antenna	(s)	o <sub>Yes</sub> o <sub>No</sub> o <sub>N/A</sub>
E17. Is the facility operat the control point.	ted by remote control? If YES, provide the	e location and telephone num	iber of	o Yes • No
E18. Is frequency correport as	ordination required? If YES, attach	a frequency coordination	on	Yes  ○ No
E19. Is coordination country(ies) and plot	the	O Yes ● No		
E20. FAA Notificati FAA notification is 854 and/or the FAA aviation? FAILURE TO CON THE RETURN OF	C Form e to	◇ Yes ② No		
POINTS OF COMMUN	ICATION			

E22. ITU Name:

E24. Country:

Satellite Name: PERMITTED LIST | | If you selected OTHER, please enter the following:

E21. Common Name:

E23. Orbit Location:

Satellite Name:PERMITTED LIST     If you selected OTHEI	R nlease enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: OTHER   OTHER   If you selected OTHER,	
E21. Common Name: INTELSAT-31	E22. ITU Name:
E23. Orbit Location: 95.0 W.L.	E24. Country: USA
Satellite Name:PERMITTED LIST   If you selected OTHEI	· · · · · · · · · · · · · · · · · · ·
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name:OTHER   OTHER   If you selected OTHER,	•
E21. Common Name: INTELSAT-16	E22. ITU Name:
E23. Orbit Location: 58.1 W.L.	E24. Country: USA
Satellite Name:PERMITTED LIST     If you selected OTHEI	
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: OTHER   OTHER   If you selected OTHER,	,
E21. Common Name: INTELSAT-1R	E22. ITU Name:
E23. Orbit Location: 50.1 W.L.	E24. Country: USA
Satellite Name: PERMITTED LIST   If you selected OTHER	
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: PERMITTED LIST     If you selected OTHER	
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name:PERMITTED LIST     If you selected OTHEI	•
	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: OTHER   OTHER   If you selected OTHER,	,
E21. Common Name: INTELSAT-21	E22. ITU Name:
E23. Orbit Location: 58 W.L.	E24. Country: USA
Satellite Name: OTHER   OTHER   If you selected OTHER,	•
E21. Common Name: INTELSAT-9	E22. ITU Name:
E23. Orbit Location: 43.1 W.L	E24. Country: USA
Satellite Name: OTHER   OTHER   If you selected OTHER, 1 E21. Common Name: INTELSAT-30	E22. ITU Name:
E23. Orbit Location: 95.0W.L.	E24. Country: USA
	·
Satellite Name: OTHER   OTHER   If you selected OTHER,	
E21. Common Name: GALAXY-3C E23. Orbit Location: 95.05 W.L.	E22. ITU Name: E24. Country: USA
ue /s tirbit tocation: 43 H3 W/T	HE 74 COUNTRY' LINA

E50. Mo K78	dulation and		R	icon		15	N0N			0.0			0.0	
K78	11450 11		R	Circu			N0N		0	0.0			0.0	
E28. Antenn Id	E43/ Frequ Bands(	ency MHz)	E45. T/R Mode	Po (1	6. Antennal larization H,V,L,R)	1	Em:	47. ission gnator	ion EIRP per		ERIP D Carrier(d	laximum ensity per IBW/4kHz)		
K78 FREQUEN	13.5/13.5		9.14		170.0	0.	.0		340	0.0		0.0		88.6
K77	13.1/13.1		8.66		170.0	===	.0		340			0.0		88.0
E28. Antenna Id	Minor/f (mete	eter Major ers)	Gro Le (met	35. ove ound vel ters)	E36. Above Se Level (meters)	)	E3 Build Heig Abo Grou Lev (meta	ling ght eve and el	P a	Inp Powente Inte flar (Wa	er at enna nge atts)	Ma An Heig Ro (m	E39. ximum ntenna ht Above poftop neters)	E40. Total EIRP for al carriers (dBW)
MTN-1	<b>C</b> 78	1	\	/iasat		13.	5m	13.5			0.0 dB	i at		
MTN-1		1	\\\	/ertex/	/RSI	ST	13.1	13.1			0.0 dB			/
Site ID	E28. Antenna	E2 Quan	ll l		E30. Ifacturer		E31.	Ant	32. enn ize	а		ansmi	2. Antenna nt and/or Bi at	
	nmon Nam	e:							E27	'. Co	ountry:			
	Identifier:	HUAII	OH (De)	Jeinall (	1 () (5)									
	it Location F COMMUN			stinatio	n Pointel					JE2	4. Cou	ntry: L	JSA	
	nmon Nam			23							2. ITU			
	Name:OTE	· · · · · · · · · · · · · · · · · · ·			u selected	ОТ	ΉER,	please	e ent	ter t	he foll	owing	:	
E23. Orb	it Location	: 43 W.	L.								E24.	Count	try:	
	nmon Nam							1				ITU N		
	Name:OTH		THER	If vo	ou selected	ОТ	HER.					owing	·	
	it Location							E24.						
	Name:PER nmon Nam		D LIS	1     lf	you select	ted (	OTHE				ame:	ollowi	ng:	
	it Location		D 1 10	T     T	. 4		0.000	E24.				. 11 *		
	nmon Nam										ame:			
	Name:PER		D LIS	T     If	you select	ted (	ОТНЕ					ollowi	ng:	
E23. Orb	it Location							E24.	. Co	unt	ry:			
E21. Common Name: E22. ITU Name:														
Satellite	Name:PER	MITTE	D LIS	T     If	you select	ted (	ОТНЕ	R, ple	ase	ente	er the f	ollowi	ng:	
	it Location							E24. Country:						
$ \mathbf{L}_{2} $ . Coi	e Name:PERMITTED LIST     If you selected OTHER, please enter the following:  ommon Name:    E22. ITU Name:													

			Linear and Circular			
E50. Mod	lulation and Serv	ices Be	acon			
K78	11700 11705	R	Linear and Circular	N0N	0.0	0.0
E50. Mod	lulation and Serv	ices Bea	1		1	
K78	12198 12200	R	Linear and Circular	N0N	0.0	0.0
E50. Mod	lulation and Serv	ices Be	-1			
K78	11195 11200	R	Linear and Circular	1M60G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Tel	1			
K78	11195 11200	R	Linear and Circular	500KG7D	0.0	0.0
E50. Mod	lulation and Serv	ices Tel	1			
K78	11445 11460	R	Linear and Circular	500KG7W	0.0	0.0
E50. Mod	lulation and Serv	ices Tel				
K78	11695 11700	R	Linear and Circular	500KG7D	0.0	0.0
E50. Mod	lulation and Serv	ices Tel	emetry			
K78	11700 11710	R	Linear and Circular	1M60G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Tel	· · · · · · · · · · · · · · · · · · ·			
K78	11700 11710	R	Linear and Circular	500KG7D	0.0	0.0
E50. Mod	lulation and Serv	ices Tel	emetry			
K78	12195 12200	R	Linear and Circular	500KG7D	0.0	0.0
E50. Mod	lulation and Serv	ices Tel	emetry			
K78	10950 11200	R	Horizontal and Vertical	43K0G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Dig	gital Data			
K78	10950 11200	R	Horizontal and Vertical	72M0G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Dig	gital Data			
K78	11450 11700	R	Horizontal and Vertical	43K0G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Dig	gital Data			
K78	11450 11700	R	Horizontal and Vertical	72M0G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Dig	gital Data			
K78	11700 12200	R	Horizontal and Vertical	43K0G7D	0.0	0.0
E50. Mod	lulation and Serv	ices Dig	gital Data			
K78	11700 12200	R		72M0G7D	0.0	0.0

			Horizontal and Vertical			
E50. Mod	ulation and Serv	ices Dig	ital Data	'	12	
K78	14000 14500	Т	Horizontal and Vertical	34M0G7D	88.0	48.7
E50. Mod	ulation and Serv	ices Dig	ital Data			
K78	14000 14500	Т	Horizontal and Vertical	43K0G7D	59.0	48.7
E50. Mod	ulation and Serv	ices Dig				
K78	14000 14500	Т	Horizontal and Vertical	72M0G7D	88.0	45.5
E50. Mod	ulation and Serv	ices Dig	ital Data			
K78	13753 13753	Т	Left Hand Circular	850KF2D	85.0	61.7
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	13995 13995	Т	Horizontal and Vertical	850KF2D	85.0	61.7
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	14001 14001	Т	Horizontal and Vertical	750KF2D	85.0	62.3
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	14003 14003	Т	Left Hand Circular	750KF2D	85.0	62.3
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	14006 14006	Т	Linear and Circular	1M00G9D	85.0	61.0
E50. Mod	ulation and Serv	ices Cor	nmand and Rangi	ng		
K78	14497 14497	Т	Left Hand Circular	750KF2D	85.0	62.3
E50. Mod	ulation and Serv	ices Cor	nmand and Rangi	ng		
K78	13750.5 13750.5	Т	Linear and Circular	1M00G9D	85.0	61.0
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	13750.5 13750.5	Т	Left Hand Circular	850KF2D	85.0	61.7
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	13994.5 13994.5	Т	Horizontal	1M00G9D	85.0	61.0
E50. Mod	ulation and Serv	ices Cor	nmand and Rangi	ng		
K78	13995.5 13995.5	Т	Linear and Circular	750KF2D	85.0	62.3
E50. Mod	ulation and Serv	ices Coi	nmand and Rangi	ng		
K78	13997.5 13997.5	Т	Linear and Circular	750KF2D	85.0	62.3
E50. Mod	ulation and Serv	ices Cor	nmand and Rangi	ng		
K78		Т		1M00G9D	85.0	61.0

			Circular						
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g	<u> </u>	,			
K78	14000.5 14000.5	Т	Left Hand Circular	850KF2D	85.0	61.7			
E50. Modulation and Services Command and Ranging									
K78	14000.5 14000.5	Т	Right Hand Circular	750KF2D	85.0	62.3			
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g					
K78	14003.5 14003.5	Т	Linear and Circular	1M00G9D	85.0	61.0			
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g					
K78	14494.5 14494.5	Т	Vertical	750KF2D	85.0	62.3			
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g					
K78	14498.5 14498.5	Т	Left Hand Circular	850KF2D	85.0	61.7			
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g					
K78	14499.5 14499.5	Т	Linear and Circular	750KF2D	85.0	62.3			
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g					
K78	14998.5 14998.5	Т	Linear and Circular	750KF2D	85.0	62.3			
E50. Modu	lation and Servi	ces Cor	nmand and Rangin	g					

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits (MHz)	E54/55. Range of Satellite Arc Eastern/Western Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
K78	Geostationary	13753 13753	94.95/95.15	205.82	40.85	206.1	40.77	-12.23
	Geostationary	13995 13995	49.9/50.1	140.33	35.9	140.57	36.1	-10.85
	Geostationary	14000 14500	18.0/140.0	110.38	14.41	251.45	12.54	-13.97
	Geostationary	14001 14001	94.95/95.15	205.82	40.85	206.1	40.77	-11.69
	Geostationary	14003 14003	120.9/121.1	235.78	26.43	235.96	26.29	-6.92
	Geostationary	14006 14006	95.025/95.225	205.99	40.8	206.27	40.72	-12.92
	Geostationary		120.9/121.1	235.78	26.43	235.96	26.29	-6.92
	Geostationary	i i	57.9/58.1	150.46	39.77	150.73	39.85	-11.96

	13750.5 13750.5						
Geostationary	13750.5 13750.5	94.95/95.15	205.82	40.85	206.1	40.77	-12.94
Geostationary	13994.5 13994.5	57.9/58.1	150.46	39.77	150.73	39.85	-12.67
Geostationary	13995.5 13995.5	42.9/43.1	132.46	31.83	132.67	31.96	-9.0
Geostationary	13997.5 13997.5	58.0/58.2	150.6	39.81	150.86	39.89	-11.43
Geostationary	13997.5 13997.5	76.1/76.3	177.4	44.14	177.7	44.15	-12.55
Geostationary	13998.5 13998.5	95.025/95.225	205.99	40.8	206.27	40.72	-12.92
Geostationary	14000.5 14000.5	43.0/43.2	132.57	31.89	132.78	32.02	-9.02
Geostationary	14003.5 14003.5	94.95/95.15	205.82	40.85	206.1	40.77	-12.94
Geostationary	14003.5 14003.5	94.95/95.15	205.82	40.85	206.1	40.77	-12.94
Geostationary	14494.5 14494.5	43.0/43.2	132.57	31.89	132.78	32.02	-9.02
Geostationary	Geostationary 14498.5 49.9/50.1	49.9/50.1	140.33	35.9	140.57	36.1	-10.85
Geostationary	14499.5 14499.5	58.0/58.2	150.6	39.81	150.86	39.89	-11.43

#### REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. 1	Phone Number	
NOTE: Please enter the callsign of the controlling stati application is being filed.	ion, not the callsign for which this			
E62. Street Address				
E63. City	E68. County	I	E67/68. State/Country /	E64. Zip Code

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